



Dynamic Leadership | Bioinformatics | Integrative Genomics | Evolution





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Gemmell N.J., Rutherford K., Prost S., Tollis M., Winter D., Macey J.R., Adelson D.L., Suh A., Bertozzi T., Grau J.H., Organ C., Gardner P.P., Muffato M., Patricio M., Billis K., Martin F.J., Flicek P., Petersen B., Kang L., **Michalak P.**, Buckley T.R, Wilson M., Cheng Y., Miller H., Schott R.K., Jordan M., Newcomb R., Arroyo J.I., Valenzuela N.,





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44. Mechkarska M., Meetanib M., **Michalak P.**, Vaksman Z., Takadae K. & Conlon J.M. 2012. Hybridization between the African clawed frogs and (Pipidae) increases the multiplicity of antimicrobial peptides in skin secretions of female offspring. 7: 285-291.
45. Czesny S., Epifanio J. & **Michalak P.** 2012. Genetic divergence between freshwater and marine morphs of

Agency: VCOM's One Health Research Seed Grant Program

Amount: \$50,000 awarded

- 13.** Title: Integrative genomics of small noncoding RNAs in host-associated bacteria”.

Role: PI

Period: 07/01/2017 – 06/30/2019

Agency: VCOM's One Health Research Seed Grant Program

Amount: \$87,840 awarded

- 14.** Title: Nanopore-based deep sequencing to characterize variants and their pathogenic microbiota”.

Role: PI

Period: 07/01/2018 – 06/30/2019

Agency: VCOM's One Health Research Seed Grant Program

Amount: \$49,601 awarded

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5. 2016/08/08: Agricultural Research Service, Hilo, HI. . USDA
 6. 2016/03/01:

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4. 2012/09/19: . Hunan Normal University, Changsha, China.
 5. 2010/05/14: . School of Biological Sciences, Seoul National University, South Korea.
 6. 2009/05/19: . School of Molecular Sciences, La Trobe University, Melbourne, Australia.

Pe en a ion a Confe ence

USA

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1. **Viladomiu M.**, Hontecillas R., Pedragosa M., Michalak P., Michalak K., Guerrant R., Roche J., Warren C. & Bassaganya-Riera J. 2013 (3-7 May).
 . Immunology 2013 AAI Annual Meeting, Honolulu, Hawaii.
 2. **Czesny S.**, Michalak & Epifanio J. 2009 (6-9 December).
 (poster).
 70th Annual Midwest Fish and Wildlife Conference. Springfield IL
 3. **Marshall J. L.** & Michalak P. 2006 (4-6 November).
 (poster). Annual Symposium: Genes in Ecology, Ecology in Genes.
 Lenexa-Overland Park, Kansas.
 4. **Michalak P.** & Hoshino D. 2006 (29 March- 2 April).
 (poster). 47th Annual Drosophila Research
 Conference, Houston, Texas.
 5. **Michalak P.**, Lee I.T., Hoshino D. & Malone J. 2005 (June 10-14).
 . EVOLUTION 2005, University of
 Alaska, Fairbanks.
 6. **Malone J.** & Michalak P. 2005 (10-14 June).
 . EVOLUTION 2005, University of Alaska,
 Fairbanks.
 7. **Noor M.A.F.**, Michalak P. & Donze D. 2003.
 . Society for Molecular Biology & Evolution.
 Abstracts. Newport Beach, California.
 8. **Michalak P**

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- IAGLR (International Association of Great Lakes Research) Conference, Toronto, Canada.
4. **Michalak P.** & Malone J. 2007 (16-20 June).
. EVOLUTION 2007, Christchurch, New Zealand.
 5. **Malone J.** & Michalak P. 2007 (9-10 February).
. Transcription: from molecular mechanisms to disease. 2nd Helsinki Biomedical Graduate School Council Symposium, Biomedicum Helsinki, Finland.
 6. **Ma D.,** Michalak P. & Hoshino D. 2007 (16-20 June).
(poster). EVOLUTION 2007, Christchurch, New Zealand.
 7. **Michalak P.** & Malone J. 2006 (12-16 September).
(poster).



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- (3)
- (1)
- (3)
- (2)
- (3)
- (1)
- (1)

Teaching

Graduate courses

- (VCOM, 2017-present)
- (UTA, 2003-2009)

Undergraduate courses

- (UTA, 2003-2009)
- (UTA, 2005-2009)
- (University of Bialystok, Poland, 1998-1999)

List of Michalak Lab Alumni

- Daiju Hoshino, MSc 2007, currently instructor at Shonan Seminar Co., Ltd, Japan
- John H. Malone, PhD 2007, currently faculty at UConn
- Daina Ma, PhD 2010
- Alie Koroma, PhD 2011
- Lin Kang, PhD 2017

List of Undergraduate Students

- (UTA)
- 2004: Anthonia Adewole Dolapo; Daiju Hoshino; Kateryna Ivanova; Titilope Jinadu; Mervat Karout; Ronnie Khoury; Ivan Lee
 - 2005: Akshay Bhonsle; Grace Chang; Nina thi Dinh; Dipendra Raj Gyawali; Kateryna Ivanova; Ivan Lee; Sandeep Mudda; Taniya Muliyl; Ba T. Nguyen; Danny Nguyen; Olivia Jackson-Okeke; Chris Paul; L. Varghese
 - 2006: Mohhamed Asad; Matthew Bandomer; Brad Broadway; Long Do; Dana Doan; Benjamin Egusquiza; Ohi Esechie; Quy Le; Ivan Lee; Madhab Sapkota
 - 2007: Erika Crespo; Huon Ong; Chris C. Riley; Sigred Slempe; Aaron Summerhill; Zhichao “Ivy” Zheng
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- John Malone:
 - 2nd Place-Texas Academy of Science Student Research Competition (2006)
 - 1st Place-Texas Academy of Science Student Research Competition (2005)
 - Phi Sigma Society Travel Grants (2005)
 - Deans Excellence Scholarship (2004)
 - Animal Behavior Society Student Research Grant (2004)
 - Ivan Lee: Undergraduate Research Assistantship (URA) of UTA Honors College for 11-week summer research in 2004
 - Ronnie Khoury: Undergraduate Research Assistantship (URA) of UTA Honors College for 11-week summer research in 2004.
 - Zhichao “Ivy” Zheng: Undergraduate Research Assistantship (URA) of UTA Honors College for 11-week summer research in 2007.

Graduate Committees Lists

Virginia Tech, Virginia Bioinformatics Institute

- Robin Varghese (Doctoral, graduated 2016)
- Monica Viladomiu (Doctoral, graduated 2015)
- Zhixiong Sun (Doctoral)

Virginia Tech, Department of Entomology

- Atashi Sharma (Doctoral, graduated 2016)
- Jiangtao Liang (Doctoral, graduated 2020)

Virginia Tech, Department of

